



Sughrue

SUGHRUE MION, PLLC

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September 29, 2005

MAIL STOP PCTCommissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP2004/004629

-filed March 31, 2004

Re: Application of Koki OTSUKA, Seiichi ENDO, Takashi HATTORI, Masanori HARA, Susumu KATSURAGI
PISTON FOR INTERNAL COMBUSTION ENGINE
Assignee: **HITACHI METALS, LTD.**
Our Ref: Q90465

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. § 371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ 6 sheet(s) of drawings.
- ☐ an English translation of Article 19 claim amendments.
- ☐ an English translation of Article 34 amendments (annexes to the IPER)*.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a copy of the ISR.
- ☐ a copy of the IPER.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☐ a copy of each reference cited in the ISR/IPER.
- ☒ a Preliminary Amendment.
- ☒ it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International

* All included in the specification.

JC20 Rec'd PET/PTO 29 SEP 2005



The Government filing fee is calculated as follows:

| | | | | |
|----------------------------------|--|--------------------------------|--------------------------------|------------------|
| Total claims | $\frac{22}{6} \cdot 20 = \frac{2}{3} \times \$50.00 =$ | $\frac{2}{3} \times \$50.00 =$ | $\frac{2}{3} \times \$50.00 =$ | \$100.00 |
| Independent claims | $\frac{6}{6} \cdot 3 = \frac{3}{3} \times \$200.0 =$ | $\frac{3}{3} \times \$200.0 =$ | $\frac{3}{3} \times \$200.0 =$ | \$600.00 |
| | | 0 | | |
| Base Fee | | | | \$300.00 |
| Search Fee* | | | | \$400.00 |
| Examination Fee* | | | | \$200.00 |
| TOTAL FILING FEE | | | | \$1400.00 |
| Recordation of Assignment | | | | \$ 40.00 |
| TOTAL FEE | | | | \$1640.00 |

* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

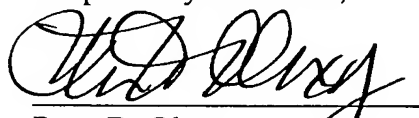
You are authorized to charge the statutory filing fee of \$1600.00 and Assignment recordation fee of \$40.00 to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

| <u>Country</u> | <u>Application No</u> | <u>Filing Date</u> |
|----------------|-----------------------|--------------------|
| Japan | 2003-097015 | March 31, 2003 |

The entire disclosure(s) of the prior application(s), Japanese application numbers JP 2003-097015 filed March 31, 2003 is/are considered part of the disclosure of the accompanying application and is/are hereby incorporated by reference.

Respectfully submitted,


 Peter D. Olexy
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Date: September 29, 2005